

Zagmount

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/075,375

1649

7

DATE: 12/30/1998
TIME: 18:00:48

Input Set: I075375.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

new format

1 <110> APPLICANT: CALGENE LLC
2 <120> TITLE OF INVENTION: PLANT VDE GENES AND METHODS RELATED THERETO
3 <130> FILE REFERENCE: 119-2 US
4 <140> CURRENT APPLICATION NUMBER: US/09/075,375
5 <141> CURRENT FILING DATE: 1998-05-07
6 <150> EARLIER APPLICATION NUMBER: 08747574
7 <151> EARLIER FILING DATE: 1996-11-07
8 <150> EARLIER APPLICATION NUMBER: PCTUS9618291
9 <151> EARLIER FILING DATE: 1996-11-07
10 <150> EARLIER APPLICATION NUMBER: 60023502
11 <151> EARLIER FILING DATE: 1996-08-06
12 <150> EARLIER APPLICATION NUMBER: 60006315
13 <151> EARLIER FILING DATE: 1995-11-07
14 <160> NUMBER OF SEQ ID NOS: 6
15 <170> SOFTWARE: PatentIn Ver. 2.0
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18 <212> TYPE: DNA
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63       20             25             30
64   Gln Pro Pro Thr Asn Ile Ile Met Met Lys Ile Arg Ser Asn Asn Gly
65       35             40             45
66   Tyr Phe Asn Ser Phe Arg Leu Phe Thr Ser Tyr Lys Thr Ser Ser Phe
67       50             55             60
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69       65             70             75             80
70   Thr Ser Phe Glu Glu Ile Gln Arg Phe Asp Leu Lys Arg Gly Met Thr
71       85             90             95
72   Leu Ile Leu Glu Lys Gln Trp Arg Gln Phe Ile Gln Leu Ala Ile Val
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75       115            120            125
76   Leu Lys Thr Cys Ala Cys Leu Leu Lys Glu Cys Arg Ile Glu Leu Ala
77       130            135            140
78   Lys Cys Ile Ala Asn Pro Ser Cys Ala Ala Asn Val Ala Cys Leu Gln
79       145            150            155            160
80   Thr Cys Asn Asn Arg Pro Asp Glu Thr Glu Cys Gln Ile Lys Cys Gly
81       165            170            175
82   Asp Leu Phe Glu Asn Ser Val Val Asp Gln Phe Asn Glu Cys Ala Val
83       180            185            190
84   Ser Arg Lys Lys Cys Val Pro Arg Lys Ser Asp Val Gly Glu Phe Pro
85       195            200            205
86   Val Pro Asp Arg Asn Ala Val Val Gln Asn Phe Asn Met Lys Asp Phe
87       210            215            220
88   Ser Gly Lys Trp Tyr Ile Thr Ser Gly Leu Asn Pro Thr Phe Asp Ala
89       225            230            235            240
90   Phe Asp Cys Gln Leu His Glu Phe His Met Glu Asn Asp Lys Leu Val
91       245            250            255
92   Gly Asn Leu Thr Trp Arg Ile Lys Thr Leu Asp Gly Gly Phe Thr
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100	Tyr Tyr Arg Gly Arg Asn Asp Ala Trp Asp Gly Tyr Gly Gly Ser Val						
101		325		330		335	
102	Ile Tyr Thr Arg Ser Pro Thr Leu Pro Glu Ser Ile Ile Pro Asn Leu						
103		340		345		350	
104	Gln Lys Ala Ala Lys Ser Val Gly Arg Asp Phe Asn Asn Phe Ile Thr						
105		355		360		365	
106	Thr Asp Asn Ser Cys Gly Pro Glu Pro Pro Leu Val Glu Arg Leu Glu						
107		370		375		380	
108	Lys Thr Ala Glu Glu Gly Glu Lys Leu Leu Ile Lys Glu Ala Val Glu						
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110	Ile Glu Glu Glu Val Glu Lys Glu Val Glu Lys Val Arg Asp Thr Glu						
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112	Met Thr Leu Phe Gln Arg Leu Leu Glu Gly Phe Lys Glu Leu Gln Gln						
113		420		425		430	
114	Asp Glu Glu Asn Phe Val Arg Glu Leu Ser Lys Glu Glu Lys Glu Ile						
115		435		440		445	
116	Leu Asn Glu Leu Gln Met Glu Ala Thr Glu Val Glu Lys Leu Phe Gly						
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118	Arg Ala Leu Pro Ile Arg Lys Leu Arg Met Ala Leu Ala Pro His Ser						
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120	Asn Phe Leu Ala Asn His Glu Thr Ile Lys Tyr Tyr Val Gly Ser Lys						
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122	Leu Pro Gly His Lys Arg Phe Ser Trp Gly Trp Glu Asp Tyr Phe Gly						
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124	Ser Ile Val Val Ala Lys Ile Cys Ser Ser Arg Arg Ile Pro Arg Tyr						
125		515		520		525	
126	Phe Arg Lys Ser Pro Arg Ile Cys Cys Gly Leu Asp Ser Arg Gly Leu						
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128	Gln Leu Phe Ser His Gly Lys His Asn Leu Ser Pro Ala His Ser Ile						
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130	Asn Gln Asn Val Pro Lys Gly Asn Ser Gly Cys Lys Phe Pro Lys Asp						
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132	Val Ala Leu Met Val Trp Glu Lys Trp Gly Gln Phe Ala Lys Thr Ala						
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134	Ile Val Ala Ile Phe Ile Leu Ser Val Ala Ser Lys Ala Asp Ala Val						
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136	Asp Ala Leu Lys Thr Cys Thr Cys Leu Leu Lys Glu Cys Arg Leu Glu						
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138	Leu Ala Lys Cys Ile Ser Asn Pro Ala Cys Ala Ala Asn Val Ala Cys						
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140	Leu Gln Thr Cys Asn Arg Pro Asp Glu Thr Glu Cys Gln Ile Lys						
141		645		650		655	
142	Cys Gly Asp Leu Phe Glu Asn Ser Val Val Asp Glu Phe Asn Glu Cys						
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202 Pro Arg Lys Ser Asp Leu Gly Glu Phe Pro Ala Pro Asp Pro Ser Val
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205          1155          1160          1165
206 Thr Ser Gly Leu Asn Pro Thr Phe Asp Ala Phe Asp Cys Gln Leu His
207          1170          1175          1180
208 Glu Phe His Thr Glu Gly Asp Asn Lys Leu Val Gly Asn Ile Ser Trp
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211          1205          1210          1215
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213          1220          1225          1230
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215          1235          1240          1245
216 Ile Glu Asn Lys Pro Glu Asp Tyr Ile Phe Val Tyr Tyr Arg Gly Arg
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218 Asn Asp Ala Trp Asp Gly Tyr Gly Gly Ala Val Val Tyr Thr Arg Ser
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